

What I claim is new is:

1. An apparatus for manually uncoupling a V-belt drive from an active power source, comprising: a tapered member connected to said active power source for engaging in holding relationship a pulley of said V-belt drive; a means for disengaging said tapered member from said V-belt drive, said disengaging means comprising, a retractor member attached to said pulley of said V-belt drive, a toggle linkage for causing said retractor member to disengage said tapered member from said V-belt drive, said toggle linkage including a first pair of diverging toggle links and a second pair of crossing toggle links having end portions pivotally connected to end portions of said first pair of toggle links, a sleeve for pivotally mounting said second pair of toggle links for rotation about an axis passing through an intersection of said second pair of toggle links, said axis having a fixed relationship to said tapered member; and a means for operating said toggle linkage to cause said retractor member to disengage said tapered member from said V-belt drive.

2. The apparatus recited in claim 1 wherein said means for operating said toggle linkage to cause said retractor member to disengage said tapered member from said V-belt drive.

3. The apparatus recited in claim 1 further comprising a spring for engaging said tapered member with said tapered aperture of said V-belt drive.

4. The apparatus recited in claim 1 wherein said tapered member has a holding

taper of about 3 degrees.

5. The apparatus recited in claim 1 wherein said tapered member is made of aluminum.

6. The apparatus recited in claim 1 wherein said toggle linkage has a co-linear relationship with said tapered member.

7. The apparatus recited in claim 1 wherein said power source is an electric motor.

8. The apparatus recited in claim 1 wherein said sleeve has a slot for receiving said toggle linkage.

9. The apparatus recited in claim 2 wherein said push rod is slidably mounted for movement in said sleeve.

10. The apparatus recited in claim 2 wherein said push rod extends outwardly from said coupling apparatus to a spherical distal end portion.

11. An apparatus for manually uncoupling a V-belt drive from an active power source, comprising: a tapered member connected to said active power source for engaging in holding relationship a pulley of said V-belt drive; a means for disengaging said tapered

member from said pulley of said V-belt drive, said disengaging means comprising, a retractor member attached to said pulley; a sleeve slidably mounted in said apparatus for receiving a toggle linkage having end portions for displacing said retractor member to disengage said pulley from said tapered member; a sleeve slidably mounted in said apparatus for receiving a toggle linkage; and a toggle linkage pivotally mounted in said sleeve, said toggle linkage including a first pair of diverging toggle links and a second pair of crossing toggle links pivotally connected to end portions of said first pair of toggle links, for rotation about an axis passing through said sleeve and an intersection of said second pair of toggle links, said axis having a fixed relationship to said tapered member; said second pair of toggle links having end portions for disengaging said pulley with said tapered member by displacing said retractor member relative to said tapered member.

12. An apparatus for manually uncoupling a V-belt drive from an active power source, comprising: a tapered member connected to said active power source for engaging in holding relationship a pulley of said V-belt drive; a means for disengaging said tapered member from said pulley of said V-belt drive, said disengaging means comprising, a retractor member attached to said pulley, a sleeve slidably mounted in said apparatus having a slot for receiving a toggle linkage; a toggle linkage pivotally mounted in said sleeve, said toggle linkage including a first pair of diverging toggle links and a second pair of crossing toggle links pivotally attached to said first pair of toggle links, said second pair of links having distal end portions for displacing said retractor member relative to said tapered member to disengage said pulley from said tapered member.